

AMENDMENTS TO THE CLAIMS

Please amend claims 5, 7-9, 20, 47, 51 and 53-60 and cancel claims 1-4, 6, 15-19, 21, 46 and 52 as set forth below.

Listing of Claims

1-4. (Canceled)

5. (Currently Amended) The lifting device of claim 59 4, wherein said first lifting mechanism comprises a first acme screw rotatably disposed to said frame and wherein said second lifting mechanism comprises a second acme screw rotatably disposed to said frame.

6. (Canceled)

7. (Currently Amended) The lifting device of claim 59 5, wherein said first bracket assemblage further comprises a first captured nut engaged with said first acme screw; and wherein said second bracket assemblage further comprises a second captured nut engaged with said second acme screw .

8. (Currently Amended) The lifting device of claim 59 4, wherein said distribution mechanism comprises a chain coupled to an upper end of said first lifting mechanism and said second lifting mechanism.

9. (Currently Amended) The lifting device of claim 59 4, wherein said distribution mechanism comprises a rotatably mounted shaft coupled to an upper end of said first lifting mechanism and said second lifting mechanism.

10-19. (Canceled)

20. (Currently Amended) The lifting device of claim 59 +, further comprising an elongated flexible support secured to said frame and said first bed bracket .

21-46. (Canceled)

47. (Currently Amended) The bed lifting device of claim 46 51, further comprising:
a first gearbox coupled to a first end of said shaft and said top end of said first lifting mechanism; and

a second gearbox coupled to a second end of said shaft and said top end of said second lifting mechanism.

48. (Previously Presented) The bed lifting device of claim 47, wherein said motor is coupled to said first gearbox.

49. (Previously Presented) The bed lifting device of claim 48, wherein said first lifting mechanism and said second lifting mechanism move in unison.

50. (Previously Presented) The bed lifting device of claim 49, wherein said first lifting mechanism comprises a first acme screw and said second lifting mechanism comprises a second acme screw.

51. (Currently Amended) ~~The bed lifting device of claim 46,~~ A bed lifting device for a recreational vehicle comprising:

a first vertical support bracket having a first elongated vertical length;

a first lifting mechanism located along said first elongated vertical length of said first vertical support bracket;

a first lifting bracket slidably engaged with said first vertical support bracket and supported by said first lifting mechanism;

a second vertical support bracket having a second elongated vertical length;

a second lifting mechanism located along said second elongated vertical length of said second vertical support bracket;

a second lifting bracket slidably engaged with said second vertical support bracket and supported by said second lifting mechanism;

a first bed bracket sized to support a bed; said bed bracket connected to said first lifting bracket and said second lifting bracket;

a third lifting bracket slidably engaged with said first vertical support bracket;

a fourth lifting bracket slidably engaged with said second vertical support bracket; and,

a second bed bracket sized to support a bed; said second bed bracket connected to said third lifting bracket and said fourth lifting bracket; wherein said second bed bracket is located above said first bed bracket;

a shaft coupled to a top end of said first lifting mechanism and to a top end of said second lifting mechanism for distributing motive force between said first lifting mechanism and said second lifting mechanism; and,

a motor disposed on said bed lifting device so as to drive said first lifting mechanism, said shaft, and said second lifting mechanism;

wherein said first bed bracket is movable between a lowered position within said vehicle and a raised, stowed position within said vehicle;

wherein said second bed bracket is uncoupled from said first lifting mechanism and said second lifting mechanism such that movement of said second bed bracket to a raised, stowed position is achieved by said first bed bracket upwardly pushing against said second bracket.

52. (Canceled)

53. (Currently Amended) The device of claim 57 52, wherein said first bed bracket further comprises:

a first mounting bracket slidably engaged with said first vertical support bracket and connected to said first lifting mechanism; and

a second mounting bracket slidably engaged with said second vertical support bracket and connected to said second lifting mechanism.

54. (Currently Amended) The device of claim 57 52, wherein said distribution mechanism is a chain coupled to said first lifting mechanism and said second lifting mechanism for distributing a force between said first lifting mechanism and said second lifting mechanism; wherein movement of said chain in a first direction raises said bed bracket and movement of said chain in a second direction lowers said bed bracket.

55. (Currently Amended) The device of claim 57 52, wherein said distribution mechanism is a shaft.

56. (Currently Amended) The device of claim 57 52, wherein said first lifting mechanism is a first acme screw and said second lifting mechanism is a second acme screw.

57. (Currently Amended) ~~The device of claim 52, further comprising~~ A device for lifting a bed between a lowered position and a raised position comprising:

a first vertical support bracket having an elongated shape;

a first lifting mechanism disposed along a vertical length of said first vertical support bracket;

a second support bracket having an elongated shape;

a second lifting mechanism disposed along a vertical length of said second vertical support bracket;

a first bed bracket sized to support a bed; said first bed bracket coupled to said first lifting mechanism and said second lifting mechanism to move said bed bracket between a raised position and a lowered position; wherein said first bed bracket is movable between a lowered position and an elevated position;

a second bed bracket sized to support a bed; said second bed bracket slidably coupled to said first vertical support bracket and to said second vertical support bracket; wherein said second bed bracket is uncoupled from said first lifting mechanism and said second lifting mechanism in a manner such that movement of said second bed bracket to an elevated position is due to pushing of said first bed bracket upwardly against said second bed bracket;

a distribution mechanism coupled to a top end of said first lifting mechanism and a top end of said second lifting mechanism for transferring motive force to said first lifting mechanism and said second lifting mechanism; and

an elongated flexible support secured to said second bed bracket and said first vertical support.

58. (Currently Amended) The device of claim 59 4, further comprising a motor coupled to said distribution mechanism.

59. (Currently Amended) ~~The device of claim 1,~~ A lifting device in a recreational vehicle comprising:

a frame ;

a first lifting mechanism secured along a vertical length of said frame;

a second lifting mechanism secured along a vertical length of said frame;

a distribution mechanism coupled to a top end of said first lifting mechanism and a top end of said second lifting mechanism for transferring motive force to said first lifting mechanism and said second lifting mechanism;

a first bracket assemblage slidably disposed on said frame; said first bracket assemblage engaged with said first lifting mechanism to adjust a height of said first bracket assemblage; ;

a second bracket assemblage slidably disposed on said frame; said second bracket assemblage engaged with said second lifting mechanism to adjust a height of said second bracket assemblage;

said first bracket assemblage and said second bracket assemblage coupled to a first bed bracket sized for supporting a bed;

a third bracket assemblage slidably disposed on said frame;

a fourth bracket assemblage slidably disposed on said frame;

a second bed bracket sized to support a bed and coupled to said third bracket assemblage and said fourth bracket assemblage;

wherein said first bed bracket is movable between a lowered position within said vehicle and raised, stowed position within said vehicle; and,

wherein said second bed bracket is located above said first bed bracket, such that said first bed bracket pushes said second bed bracket to an elevated position.

60. (Currently Amended) The device of claim 59 4, further comprising:

a shaft;

a first gear box comprising gears operatively coupled to said shaft and a top end of said first lifting mechanism; and

a second gear box comprising gears operatively coupled to said shaft and a top end of said second lifting mechanism;

wherein said shaft synchronizes movement of said first lifting mechanism and said second lifting mechanism.